

Fig. 1

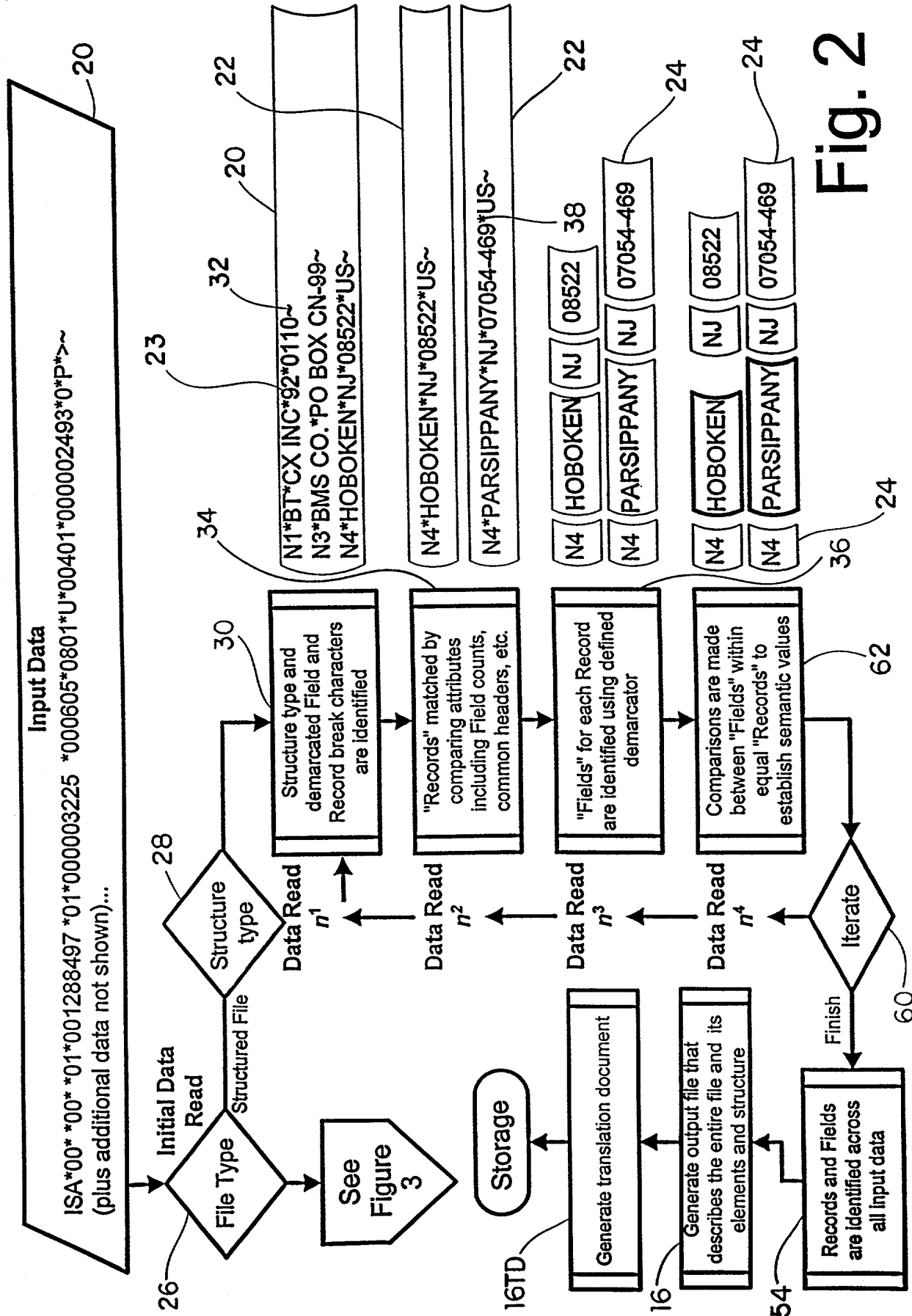


Fig. 2

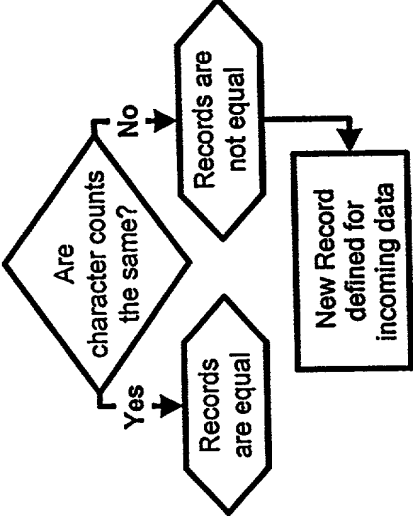


Fig. 2A

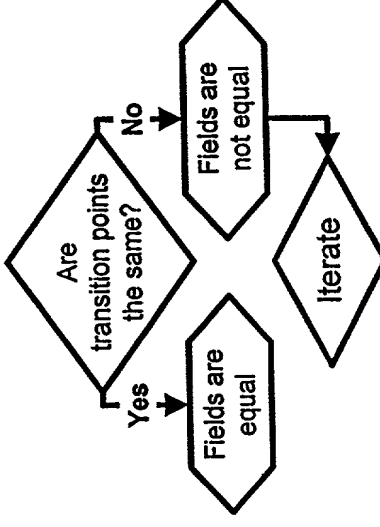


Fig. 2B

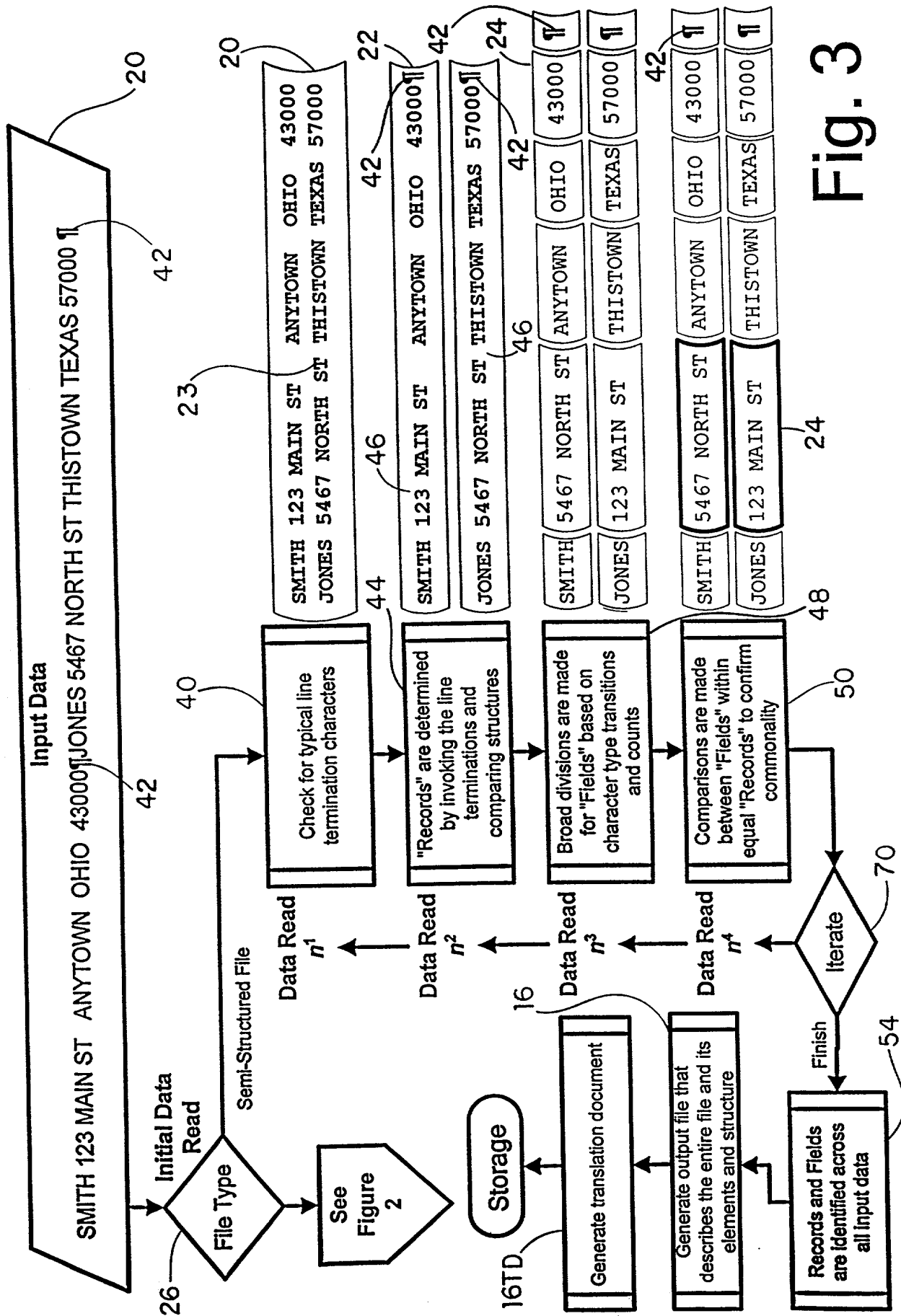


Fig. 3

### Structured Data - Simple XML (Portion)

```
<?xml version="1.0" encoding="windows-1252" ?>
<EDD>
<STANDARD>
<AGENCY ID = "X"/>
<VERSION ID = "004010"/>
<RELEASE ID = "0"/>
</STANDARD>
<XMLFILE NAME = "1" DESCRIPTION="1" XMLTAG = "1">
<XMLELEMENT NAME="1.1" MINLOOP="1" MAXLOOP="11">
<XMLELEMENT NAME="1.1.1" XMLTAG="1.1.1">
<XMLELEMENT>
<XMLELEMENT NAME="1.1.2" XMLTAG="1.1.2">
<XMLELEMENT>
</XMLFILE>
</EDD>
```

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### Structured Data - EDI Sample

```
ISA*00* *00* *01*001288497 *01*0000003225
*000605*0801*U*00401*000002493*0*P*~>
GS*PO*001288497*000003225*20000605*0801*2493*X*004010~
ST*850*008471854~
BEG*00*KN*0040639988**20000605*00300003773*AC*IEL~
REF*CUR*USD~
PER*BD*JOHN DOE*TE*203-555-1234~
FOB*CC*OR*FOB ORIGIN FREIGHT COLLECT*01*FOB*19*CALL
2035551234 FOR ROUTING~
ITD*01*3*****50*****WITHIN 50 DAYS DUE NET~
N9*TOC*ZZ~
MSG*PLEASE ATTACH COA ON ALL CONTAINERS~
```

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### Structured Data - Complex XML (Portion)

```
<?xml version="1.0" encoding="windows-1252"?>
<GENTRANDDF VERSION="1.0"><STANDARD><AGENCY ID="X"/>
<VERSION ID="004010"/><TRANSACTION ID="810"/><RELEASE ID="0"/>
<FUNCTIONALGROUP ID="IN"/><STANDARD><XMLFILE NAME="Invoice"
ACTIVE="yes" XMLTAG="Invoice"
OUTPUT_FORMAT="newlines_and_indent"
OUTPUT_HEADER="prolog"><XMLELEMENT NAME="BIG" ACTIVE="yes">
MINLOOP="1" MAXLOOP="1" XMLTAG="BeginningSegmentForInvoice">
<XMLELEMENT NAME="BIG_01" DESCRIPTION="DATE"
MANDATORY="yes" ACTIVE="yes" XMLTAG="date" MINDATALEN="8"
MAXDATALEN="8" TYPE="date" FORMAT="YYYYMMDD"/><XMLELEMENT
NAME="BIG_02">
```

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### Structured Data - Database Sample (Browse view)

CHANGE	ICVDADDR	ICODADDR	NUMBERX	OPER	S_CODE	FACE
E	00302	37000	1	JRD	00	E0030237
E	01800	37001	1	JRD	00	E018003701
E	05262	37002	1	JRD	00	E052623702
E	05263	37003	1	JRD	00	E052633703
E	05324	37004	1	JRD	00	E053243704
E	05325	37005	1	JRD	00	E053253705
E	05326	37006	1	JRD	00	E053263706
E	05328	37007	1	JRD	00	E053283707
E	05329	37008	1	JRD	00	E053293708
E	05330	37009	1	JRD	00	E053303709

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Fig. 4

## Semi-Structured Positional - Simple Content

0100116 BLUEGRASS TRUCKING  
 0100118 R R DONNELLEY & SO  
 0100119 LONG JOHN SILVERS  
 0100120 J T GOGGAN  
 0100121 WESTERN STEER  
 0100123 R R DONNELLEY & SO  
 0100125 R R DONNELLEY  
 0100150 WEBSTER RD  
 0100200 029-000-066 6190 LANCASTER RD  
 0100200 053-000-011 137 BONTA LN  
 0100301 MD0-000-044  
 0100600 036-000-041 ALUM SPRINGS RD

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## Semi-Structured Positional - Complex Content

MH5124591308AUSTIN TX  
 1998PORSCHE RED  
 1997MAZDA WHITE  
 1997CADILLAC BLUE  
 JT5122587100CEDARPARKTX  
 1995JEEP TAN  
 1973VOLKSWAGEN BLUE  
 DY5128329000AUSTIN TX  
 1998CHEVYPU TEAL  
 1995HONDA WHITE  
 SF5125551212CEDARPARKTX  
 1996FORDEXPLOR TAN  
 1996CHRYSLER GREEN  
 1997DODGEPU RED  
 DB5124591309AUSTIN TX  
 1997HONDA BLUE

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## Semi-Structured Delimited - Simple Content

"10", "01-7", "CENTRAL AVE", "13"  
 "11", "01-16", "SEVEN MILE RIVER", "14"  
 "112", "01-017", "ON THE TEN MILE RIVER", "13"  
 "0115", "155", "82 REVERE ST", "798546201"  
 "016", "1154", "78 REVERE ST", "01"  
 "8917", "8-15", "74 REVERE ST", "041"  
 "458", "00-52", "70 REVERE ST", "051"  
 "19", "66 REVERE ST", "0231"  
 "805", "150", "62 REVERE ST", "15"  
 "021", "0119", "REVERE ST", "01"  
 "0010", "505", "66 COVE ST", "01"  
 "2", "160896", "61 REVERE ST", "01"  
 "77-33", "01-159", "65 REVERE ST", "61"  
 "34", "158-", "71 REVERE ST", "51"

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## Semi-Structured Delimited - Complex Content

H2, 200104022, 0010, 3082001040, 3WG10  
 N1STTALLGREEN CO., 8800 STATE RD., #19, WINDSOR, WI, 53008  
 N1BTALLGREEN CO., P.O. BOX 905, DANVILLE, IL, 61004  
 D1, 1, C012, 8441N, 10.68, 267, 25210  
 D1, 2, C012, 5043AC, 27.96, 559.2, 20, 160  
 D1, 3, C012, 1131AC, 44.76, 402.84, 9, 86.85  
 D1, 4, C012, 6164AB, 36.12, 1083.6, 30, 244.5  
 D1, 5, C012, 5281N, 10.68, 651.48, 61, 372.1  
 D1, 6, C012, 7441AB, 26.52, 716.04, 27, 224.1  
 D1, 7, C012, 5045F, 27.96, 1258.2, 45, 292.5  
 D1, 8, C012, 1111AC, 44.76, 1342.8, 30, 289.5

23 Fig. 5

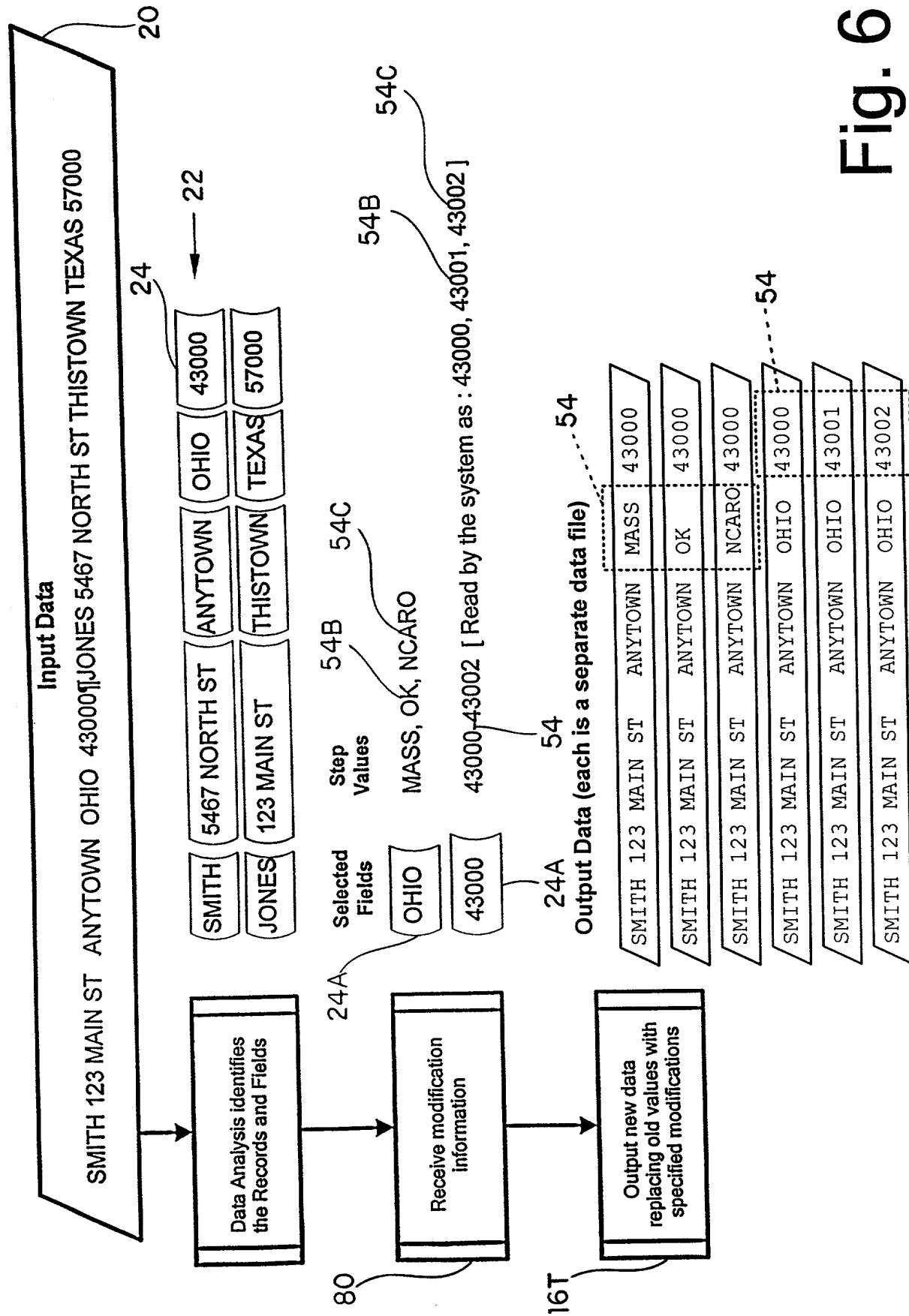


Fig. 6